Supplementary Table I. Proportion delivering a low birthweight infant (<1,500, 1,500-1,999, and 2,000-2,499 grams) and preterm (<32 completed weeks, 32 to <37 completed weeks) in New York City (NYC, excluding births in lower Manhattan) and in upstate New York in 40-week period after September 11, 2001, and the same 40-week periods from each of two years before.

	NYC	Upstate	
	n (%)	n (%)	
Total	245,284 (100.0)	280,995 (100.0)	
Birthweight			
<1,500	3,245 (1.3)	2,943 (1.1)	
1,500-1,999	2,971 (1.2)	2,645 (0.9)	
2,000-2,499	10,431 (4.3)	9,356 (3.3)	
Preterm			
Known gestational age	235,381 (96.0)	271,142 (96.5)	
<32 weeks*	4,420 (1.9)	3,989 (1.5)	
32 to <37 weeks*	20,469 (8.7)	19,900 (7.3)	

^{* %} of known gestational age

Supplementary Table II. Demographic characteristics of gravidas residing in New York City (excluding lower Manhattan) and upstate New York in the 40-week period after September 11, 2001, and the same 40-week periods from each of two years before.

	NYC before n (%)	NYC after n (%)	Upstate before n (%)	Upstate after n (%)
	11 (70)	11 (70)	11 (70)	1 (70)
Total	164,635 (100)	80,649 (100)	189,468 (100)	91,527 (100)
Infant Sex				
Male	84,515 (51)	41,343 (51)	96,702 (51)	46,735 (51)
Female	80,120 (49)	39,306 (49)	92,766 (49)	44,792 (49)
Smoker				
No	159,219 (97)	78,528 (97)*	163,009 (86)	78,942 (86)
Yes	5,416 (3)	2,121 (3)	26,459 (14)	12,585 (14)
Maternal Race/Ethnicit	, , ,	, , ,	, , ,	, , ,
Non-Hispanic White	43,353 (26)	21,166 (26)*	142,219 (75)	67,644 (74)*
African-American	55,100 (33)	24,898 (31)	20,777 (11)	10,115 (11)
Hispanic	47,684 (29)	25,090 (31)	19,150 (10)	9,949 (11)
Asian/Other	18,498 (11)	9,495 (12)	7,322 (4)	3,819 (4)
Maternal Natality	, ()	,,,,, ()	.,=== (.)	-,, ()
US Born	76,103 (46)	36,432 (45)*	158,802 (84)	75,574 (83)*
Foreign-born	88,532 (54)	44,217 (55)	30,666 (16)	15,953 (17)
Maternal Age (years)	00,552 (51)	11,217 (33)	50,000 (10)	15,755 (17)
<18	5,572 (3)	2,440 (3)*	5,111 (3)	2,255 (2)*
18-34	132,001 (80)	64,571 (80)	149,322 (79)	71,716 (78)
>35	27,061 (16)	13,638 (17)	35,033 (18)	17,556 (19)
Maternal Education	27,001 (10)	15,050 (17)	33,033 (10)	17,330 (17)
<h.s. graduate<="" td=""><td>40,474 (25)</td><td>19,818 (25)*</td><td>27,812 (15)</td><td>13,990 (15)*</td></h.s.>	40,474 (25)	19,818 (25)*	27,812 (15)	13,990 (15)*
≥H.S. graduate	121,701 (74)	60,426 (75)	158,644 (84)	76,337 (83)
Unknown	2,460 (1)	405 (.5)	3,012 (2)	1,200 (1)
Parity	2,400 (1)	403 (.3)	3,012 (2)	1,200 (1)
1	72,995 (44)	36,502 (45)*	76,082 (40)	36,971 (40)*
2-5	87,131 (53)	41,997 (52)	109,945 (58)	52,773 (58)
≥6	4,508 (3)	2,150 (3)	3,322 (2)	1,756 (2)
≥0 Unknown		0 (0)	119 (0)	27 (0)
Hypertensive Disorder	1 (0)	0 (0)	119 (0)	27 (0)
No	156 259 (05)	76,507 (95)	174,889 (92)	84,075 (92)*
Yes	156,258 (95)	, , ,		
	6,228 (4)	3,018 (4)	9,264 (5)	4,321 (5)
Unknown	2,149 (1)	1,124 (1)	5,315 (3)	3,131 (3)
Payer of delivery	70 572 (42)	24.264 (42)*	121 707 (70)	(2 (01 (70)*
Insurance/HMO	70,572 (43)	34,364 (43)*	131,787 (70)	63,681 (70)*
Medicaid	87,004 (53)	43,655 (54)	47,392 (25)	23,143 (25)
Self pay	5,572 (3)	2,380 (3)	3,702 (2)	2,177 (2)
Unknown	1,487 (1)	250 (0)	6,587 (3)	2,526 (3)
Prenatal Care Initiation		50 120 (C5)#	1.40.000 (7.4)	(((EQ (EQ)+
1st trimester	95,683 (58)	52,139 (65)*	140,230 (74)	66,652 (73)*
>1st/None/Missing	68,952 (42)	28,510 (35)	49,238 (26)	24,875 (27)

^{*} χ^2 p<0.05 before versus after; Differences in percents may not be apparent due to rounding.

H.S. graduate: High Scool graduate, HMO: health maintenance organization

Supplementary Table III. Adjusted* odds ratios (OR) and 95% confidence intervals (CI) for risk of delivering a preterm infant (<32 completed weeks, 32 to <37 completed weeks) in New York City (excluding births in lower Manhattan) and in upstate New York during the week beginning September 11, 2001 compared to the previous three weeks.

	N (% preterm)	Crude OR	Adjusted* OR (95% CI)	p-value
<32 weeks versus ≥37 week	s			
New York City	8,194 (1.5)	1.29	1.30 (0.89, 1.91)	0.17
Upstate New York	9,366 (1.4)	1.12	1.09 (0.75, 1.60)	0.65
32 to <37 weeks versus ≥37	weeks			
New York City	8,064 (8.0)	0.92	0.91 (0.75, 1.09)	0.31
Upstate New York	9,230 (8.5)	0.98	0.98 (0.82, 1.17)	0.82

^{*} Controlling for gender, maternal smoking (yes/no), race/ethnicity (Non-Hispanic White, African American, Hispanic, Asian/Other), education (<high school graduate versus high school graduate or more), country of birth (US versus foreign-born), age (<18, 18-34, 35+ years), parity (1st, 2nd-5th, 6th or more), prenatal care initiation (1st trimester versus later or none), payer for delivery (private insurance/HMO, Medicaid, self-pay, unknown), and maternal hypertensive disorder during pregnancy.

Supplementary Table IV. Estimated coefficients (SEs in parentheses) for ten four-week intervals starting September 11, 2001, from interrupted time series models predicting the ratio of births weighing <1,500 grams, 1,500 to 1,999 grams, and 2,000 to 2,499 grams to those weighing ≥2,500 grams in (a) New York City† and (b) Upstate NY, 1996-2002. The coefficients are those estimated for a binary variable score 1 for the interval starting and ending with the dates shown, and 0 otherwise. The coefficients are the difference between the observed value in the interval and that expected from history (i.e., from the parameters expressing autocorrelation in the series) and from the proportion of the cohort with prenatal care. Positively signed coefficients suggest the observed values were greater than expected, while negatively scored coefficients indicate observed values lower than expected.

	<1,500 grams	1,500-1,999 grams	2,000-2,499 grams
4-Week Interval	Coefficient (SE)	Coefficient (SE)	Coefficient (SE)
(a) NYC†			
1. 9/11-10/8	-0.0010 (0.0011)	0.0004 (0.0010)	-0.0033 (0.0029)
2 .10/9-11/5	-0.0020 (0.0012)	-0.0003 (0.0010)	0.0016 (0.0029)
3. 11/6-12/3	0.0015 (0.0012)	0.0008 (0.0010)	-0.0026 (0.0029)
4. 12/4-12/31	0.0031 (0.0012)*	-0.00003 (0.0010)	0.0041 (0.0029)
5. 1/1-1/28	0.0028 (0.0012)*	0.0011 (0.0010)	0.0039 (0.0029)
6. 1/29-2/25	-0.0016 (0.0012)	-0.0016 (0.0010)	0.0031 (0.0029)
7. 2/26-3/25	-0.0019 (0.0012)	-0.0008 (0.0010)	0.0024 (0.0029)
8. 3/26-4/22	0.0024 (0.0012)*	-0.0009 (0.0010)	0.0028 (0.0029)
9. 4/23-5/20	0.0031 (0.0012)**	0.0014 (0.0010)	0.0007 (0.0029)
10. 5/21-6/17	0.0001 (0.0011)	-0.0014 (0.0010)	0.0026 (0.0029)
(b) Upstate New York			
1. 9/11-10/8	-0.0025 (0.0009)**	-0.0008 (0.0010)	-0.0062 (0.0020)**
2. 10/9-11/5	0.0004 (0.0009)	0.0002 (0.0010)	-0.0010 (0.0020)
3. 11/6-12/3	0.0016 (0.0009)	0.0017 (0.0010)	-0.0009 (0.0020)
4. 12/4-12/31	0.0008 (0.0010)	-0.0011 (0.0010)	0.0055 (0.0020)**
5. 1/1-1/28	0.0048 (0.0010)**	0.0008 (0.0010)	0.0010 (0.0020)
6. 1/29-2/25	0.0008 (0.0010)	-0.0003 (0.0010)	0.0021 (0.0020)
7. 2/26-3/25	0.0018 (0.0010)	-0.0014 (0.0010)	0.0018 (0.0020)
8. 3/26-4/22	-0.0007 (0.0009)	-0.0005 (0.0010)	0.0011 (0.0020)
9. 4/23-5/20	0.0012 (0.0009)	0.0007 (0.0010)	-0.0018 (0.0020)
10. 5/21-6/17	0.0005 (0.0009)	0.0002 (0.0010)	0.0002 (0.0019)

^{*} p<0.05 ** p<0.01

[†] NYC models exclude births from lower Manhattan and adjust for the proportion of women initiating prenatal care in the first trimester in each period.